

Ensuring the quality of water for human consumption

The revised EU Drinking Water Directive

Webinar IAWD – 18/2/2021

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New Drinking Water Directive – Summary

- State of play of the recast Directive
- General overview: what's new compared to Directive 98/83/EC
- Commission's empowerments and implementation deadlines
- Key challenges

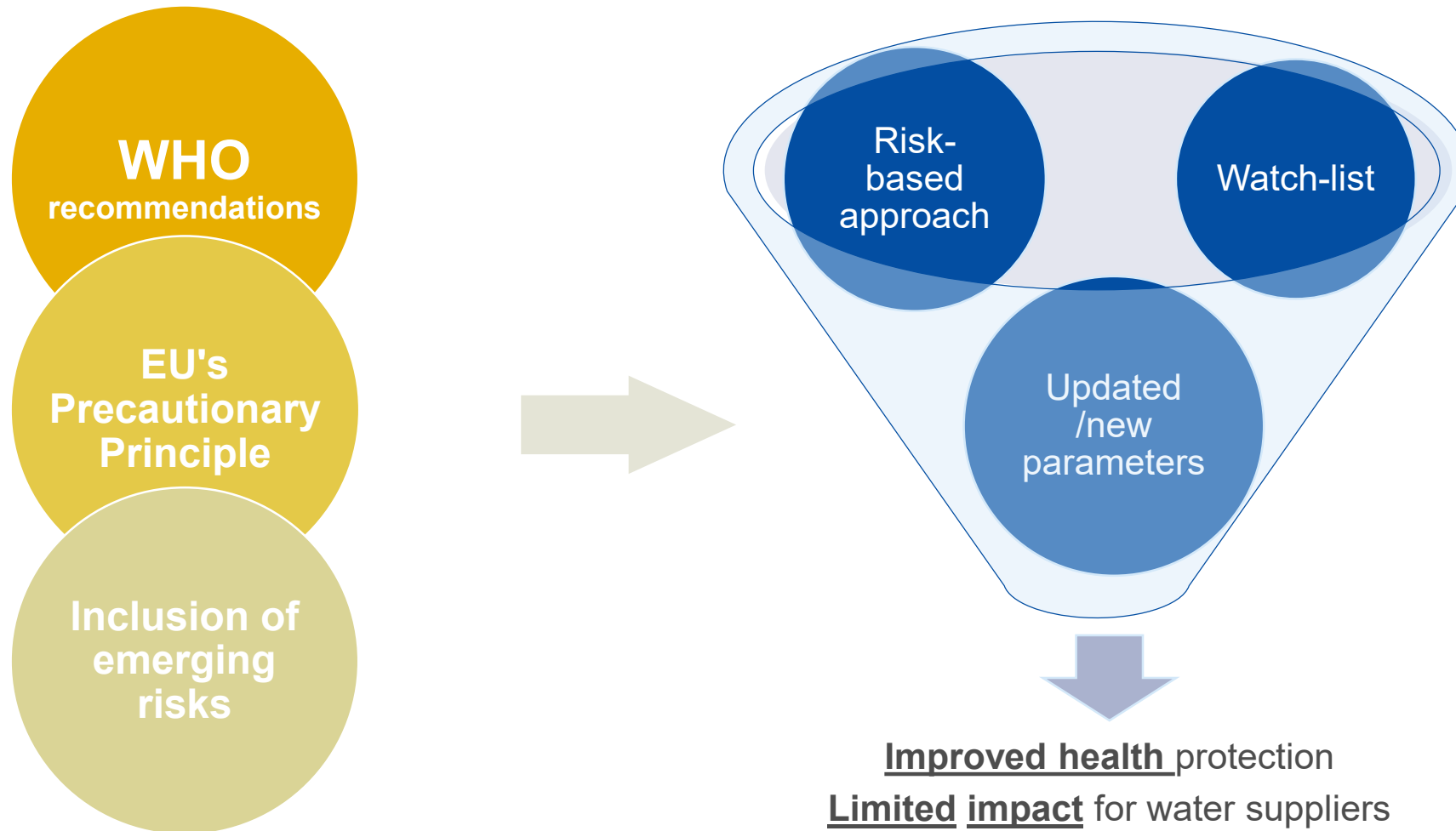
New Drinking Water Directive – State of Play

- Adoption by Council and European Parliament – 16 December 2020
- Publication in the Official Journal (OJ)
<http://data.europa.eu/eli/dir/2020/2184/oj> – 23 December 2020
- Entry into force 20 days after publication in OJ – 12 January 2021
- Member States have 2 years to comply after date of entry into force –
12 January 2023

New Drinking Water Directive – What's new ?

- Update existing safety standards + 'watch-list' mechanism
- Introduction of 'risk-based approach' (RBA) covering whole supply chain
- Access to water: obligation for MS to improve or maintain access to safe drinking water for all, in particular to vulnerable and marginalised groups
- More transparency for consumers on water suppliers' efficiency and effectiveness and measures for their improvement → leakages
- Provisions on substances/materials in contact with DW (Article 11 of DWD)

New Drinking Water Directive – What's new ?

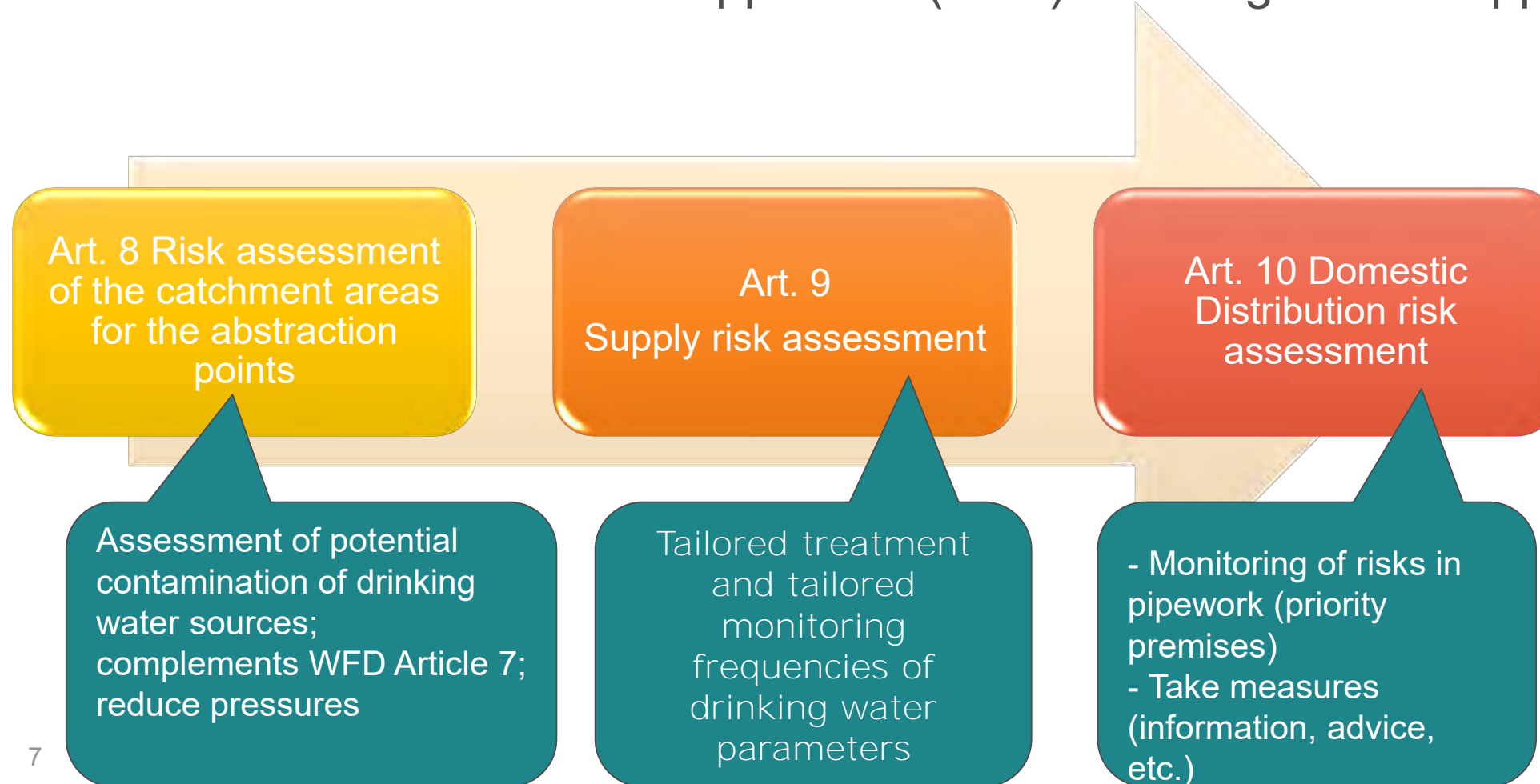


New Drinking Water Directive – What's new ?

- Update existing safety standards + first “watch-list”
 - Updates existing safety standards in line with latest recommendations of the WHO
 - Revised limits: Antimony, Boron, Chromium, Lead, Selenium
 - New parameters: Bisphenol A, Chlorate, Chlorite, Haloacetic acids (HAA5), Microcystin-LR, PFAS – total, Sum of PFAS, Uranium
 - COM will establish first watch list by 12 Jan 2022 (Beta-estradiol and Nonylphenol)

New Drinking Water Directive – What's new ?

- Introduction of 'risk-based approach' (RBA) covering whole supply chain



New Drinking Water Directive – What's new ?

- Access to water: obligation for MS to improve or maintain access to safe drinking water for all, in particular to vulnerable and marginalised groups
 - Improve and maintain access to water
 - Identify people without or limited access, in particular vulnerable and marginalised groups and assess possibilities for improving access
 - Inform about the possibilities to connect and take measures MS consider necessary and appropriate to ensure access
 - Set up indoor/outdoor equipment in public spaces where technically feasible
 - May promote the use of tap water (e.g. restaurants)

New Drinking Water Directive – What's new ?

- More transparency for consumers on water suppliers' efficiency and effectiveness and measures for their improvement



- MS shall ensure the performance of a leakage assessment (at least large water suppliers)
- Communication assessment results to COM by 12 Jan 2028
- COM will set a leakage threshold value (TV) (based on assessment results) by 12 Jan 2028
- MS leakage value $>$ TV then MS action plan is needed 2 years after setting TV
- Annual information to the public (leakage rates)

New Drinking Water Directive - Empowerments

- **Delegated and Implementing acts (DA – IA)**
 - delegation of power to Commission to adopt non-legislative acts of general application to supplement or amend the legislative act (= DWD).
 - DA: adoption by Commission → no Committee role, EG consultation (informal)
 - IA: adoption by Commission → voting by Committee on draft IA (positive opinion by qualified majority required)
- **7 delegated acts (DA) (2 of which include a deadline for adoption)**
- **6 implementing acts (IA) (5 of which include a deadline for adoption)**
- **8 provisions on technical guidelines, reports, mandates**

New Drinking Water Directive – Empowerments

- Provisions on substances/materials in contact with DW (Article 11 of DWD)

	Requirement	Art.11§	Type	Due date
Substances	MS to notify ECHA of existing national positive lists	3	-	12/7/2021
	Methodologies for testing and accepting starting substances, compositions and constituents	2(a)	IA	12/1/2024
	European positive lists of starting substances, compositions or constituents	2(b)	IA	12/1/2025
	Procedure on the application process	5	DA	-
	Review and update of European positive lists	4	IA	12/1/2040
	Procedures and methods for testing and accepting final materials as used in a product	2(c)	IA	12/1/2024
Materials	Conformity assessment procedure applicable to products	8	DA	-
	Harmonised specifications for a marking	11	DA	-
	Review the functioning of the system	12	-	12/1/2032



New Drinking Water Directive - Empowerments

- **Establish first watch-list (IA – 12/1/2022)**
 - Beta-estradiol (1 ng/L) and Nonylphenol (0,3 µg/L)
- **Data-sets reporting by MS: specify format and modalities of data sets and data collection (IA ‘may’ – (12/1/2023)) – Article 18.1c-e**
 - Call for tender published on 22/12/2020
 - Contract signature: March 2021
 - Create a technical basis for the reporting requirements of the DWD based on:
 - Analysis of best practices
 - Definition of a conceptual reporting model MS – EEA – COM (‘keep it simple’ – philosophy)
 - Contractor will invite MS to a web-meeting to discuss MS expectations on the reporting format

New Drinking Water Directive - Empowerments

- **Micro-plastics, PFAS, review of parameters, ...**
 - Methodology to measure micro-plastics (DA – 12/1/2024)
 - Technical guidelines analytical methods PFAS (Tech. guidelines – 12/1/2024)
 - Amend annex III (monitoring programmes, results of RBA, ...) (DA)
 - Amend value of Bisphenol A (DA)
 - Review annexes I and II every 5 years ((12/1/2026))

New Drinking Water Directive - Empowerments

- **Setting Water Leakage Threshold (DA - 12/1/2028)**
- **Report potential threat micro-plastics, medicines, ... to EP and Council (Report to EP/Council – 12/1/2029)**
- **Evaluation of the DWD (SWD – 12/1/2035)**

New Drinking Water Directive – Key challenges

- **MS - DWD implementation in national law by 12/1/2023**
 - Implementing analysis of new parameters and monitoring requirements (including watch-list parameters).
 - Introducing Risk Based Approach throughout the water supply chain.
 - Measures to improve or maintain access to water intended for human consumption, in particular for vulnerable and marginalized groups.

New Drinking Water Directive – Key challenges

- **COM - DWD implementation provisions on empowerments**
 - Substances and materials in contact with DW (internal market)
 - Establish methodologies for measuring PFAS and micro-plastics
 - Reporting data-sets of MS ('keep it simple')

Thank you !

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